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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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SECRET

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COUNTRY

Hungary

REPORT NO.

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SUBJECT

Railroad Traffic Control Service

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REFERENCES

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1. The traffic in a railroad sector is no longer directed by individual stations, but by a Central Office which controls all the stations in its area through a special telephone network. By introducing this system, the Hungarian State Railroads have been able to increase each sector's carrying capacity by 30.
2. When a traffic control office is set up, a special telephone network is installed connecting all railroad stations and installations within a specific sector.
3. In the traffic control office there is a specialist directing the traffic and another man who is responsible for locomotive matters. The senior member is the specialist directing the traffic.
4. A section of traffic control covers 60 - 100 km. and controls between 20 and 22 railroad stations.
5. The telephone system used is called "Apparatus for Selective Long distance call Traffic" (Szelektív Hívás Menetirányító Távbeszélő Berendezés). It is designed so that the station called can only be heard by the control office and not by other stations connected to the same line. The control office can speak to more than one station simultaneously.
6. The line used for this telephone system is a two-strand overhead cable (Kétszálas Légvezeték). The traffic control offices are equipped with microphones and loudspeakers. Power is produced by 150 volt wet or dry batteries. Spares for the telephone system are manufactured in Hungary. Traffic control telephones installed in each railroad station are of ordinary pattern, without microphone or loudspeaker.

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7. In order to avoid breakdowns this telephone system is reinforced as follows:
- a. The cable used has an inner steel thread.
 - b. The poles are specially supported to withstand wind.
 - c. In addition to the normal batteries, traffic control offices are supplied with 130-volt anode batteries in reserve.
 - c. The repeater stations which are normally supplied by the municipal power stations, have reserve batteries which are always kept fully charged.

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